

POTENTIAL CROPLAND LIMITATIONS AND HAZARD
La Moure County, North Dakota

(See text for a description and criteria of the limitations and hazards listed in this table)

Map Symbol and Component Name	Cropland Limitations and Hazards
Ab: Aberdeen	Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Root limiting
Af: Arveson	Alkalinity Excessive saturated hydraulic conductivity High water table Pesticide and nutrient leaching Wind erosion
ArA: Arvilla	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
ArB: Arvilla	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
BaC: Barnes	Pesticide and nutrient runoff Slope Water erosion
BaC2: Barnes	Pesticide and nutrient runoff Slope Water erosion
BbC: Barnes	Pesticide and nutrient runoff Slope Water erosion
Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Water erosion Wind erosion
BbD: Barnes	Pesticide and nutrient runoff Slope Water erosion
Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
La Moure County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Bc: Barnes	Pesticide and nutrient runoff
Cresbard	Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Root limiting
Be: Barnes	Pesticide and nutrient runoff Slope Surface stones
BgA: Barnes	Pesticide and nutrient runoff
Gardena	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Eckman	Lime content Pesticide and nutrient runoff
BhC: Barnes	Pesticide and nutrient runoff Slope Water erosion
Renshaw	Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
BnB: Barnes	Pesticide and nutrient runoff
Svea	Pesticide and nutrient leaching Pesticide and nutrient runoff
Bo: Bearden	Alkalinity High water table Lime content Pesticide and nutrient leaching Wind erosion
Bt: Borup	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Wind erosion
BvE: Buse	Alkalinity Lime content Pesticide and nutrient runoff Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
La Moure County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Barnes	Pesticide and nutrient runoff Slope Water erosion
Ca: Cavour	Dense layer Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content
Ce: Claire	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Ch: Colvin	Alkalinity High water table Lime content Pesticide and nutrient leaching Wind erosion
Cs: Colvin	Alkalinity High water table Lime content Pesticide and nutrient leaching Restricted saturated hydraulic conductivity Wind erosion
Cu: Cresbard	Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Root limiting
Barnes	Pesticide and nutrient runoff
Cavour	Dense layer Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content
Cv: Cresbard	Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Root limiting
Cavour	Dense layer Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content

POTENTIAL CROPLAND LIMITATION--continued
La Moure County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Dd: Divide	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Wind erosion
Dp: Dumps	Alkalinity Lime content Pesticide and nutrient runoff Slope Water erosion Wind erosion
Pits	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface rock fragments Water erosion
EaB: Eckman	Lime content Pesticide and nutrient runoff
EaC: Eckman	Lime content Pesticide and nutrient runoff
EbA: Edgeley	Depth to rock Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff
EbB: Edgeley	Depth to rock Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff
EcC: Egeland	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
EdA: Egeland	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
La Moure County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
EdB: Egeland	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
EeB: Egeland	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
EgA: Egeland	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Embden	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
EgB: Egeland	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Embden	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Eo: Embden	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Gardena	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Es: Exline	High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Ex: Exline	High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
La Moure County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Lamoure	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Ey: Easby	Alkalinity High water table Lime content Pesticide and nutrient leaching Salt content Wind erosion
Fc: Fargo	High water table Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Fh: Fargo	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Hegne	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
FvA: Fordville	Dense layer Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
FvB: Fordville	Dense layer Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff
Fw: Southam soils	Alkalinity High water table Lime content Pesticide and nutrient leaching Restricted saturated hydraulic conductivity Salt content Wind erosion
Ga: Gardena	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching

POTENTIAL CROPLAND LIMITATION--continued
La Moure County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
GaB: Gardena	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Gc: Gardena	Pesticide and nutrient runoff
GeA: Gardena	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Eckman	Lime content Pesticide and nutrient runoff
Gl: Glyndon	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
GlB: Glyndon	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Go: Grano	Alkalinity High water table Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Gp: Gravel pits	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface rock fragments Water erosion
GtA: Great bend	Pesticide and nutrient runoff
Barnes	Pesticide and nutrient runoff
GtB: Great bend	Pesticide and nutrient runoff
Barnes	Pesticide and nutrient runoff

POTENTIAL CROPLAND LIMITATION--continued
La Moure County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Ha: Hamar	Excessive saturated hydraulic conductivity High water table Pesticide and nutrient leaching Wind erosion
Hg: Hamerly	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Svea	Pesticide and nutrient leaching Pesticide and nutrient runoff
Hh: Hecla	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Hl: Hecla	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Hx: Hegne	Excessive saturated hydraulic conductivity High water table Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Fargo	Excessive saturated hydraulic conductivity High water table Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
La: Ladelle	Lime content Pesticide and nutrient runoff
Lc: Ladelle	Lime content Pesticide and nutrient runoff
Ld: Ladelle	Lime content Pesticide and nutrient runoff
Le: Lamoure	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
La Moure County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Lf: Lamoure	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Salt content Wind erosion
Lg: La prairie	Alkalinity Pesticide and nutrient leaching Pesticide and nutrient runoff
Ll: La prairie	Alkalinity Channels Flooding Pesticide and nutrient leaching Pesticide and nutrient runoff
Channeled	Onsite required
Lm: La prairie	Alkalinity Channels Flooding Pesticide and nutrient leaching Pesticide and nutrient runoff
Lamoure	Alkalinity Channels Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Lo: Wamduska	Dense layer Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Mauvais	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Salt content Wind erosion
Lu: Ludden	Alkalinity Flooding High water table Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
La Moure County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Ly: Ludden	Alkalinity Flooding High water table Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Ryan	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Wind erosion
M-W: Miscellaneous water	Onsite required
MaA: Maddock	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
MaB: Maddock	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
MbC: Maddock	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion Wind erosion
Barnes	Pesticide and nutrient runoff Slope Water erosion
MhB: Maddock	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Hecla	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Mk3: Maddock	Excessive saturated hydraulic conductivity Limited available water capacity Limited organic matter Pesticide and nutrient leaching Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
La Moure County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Hecla	Excessive saturated hydraulic conductivity High water table Limited available water capacity Limited organic matter Pesticide and nutrient leaching Wind erosion
NuA: Nutley	Alkalinity Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
NuB: Nutley	Alkalinity Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Ny: Nutley	Alkalinity Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Fargo	High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Oe: Overly	Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Or: Overly	Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Aberdeen	Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Root limiting
Pa: Parnell	High water table Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity
Ra: Rauville	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
La Moure County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
RaC: Rauville	Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Slope
ReA: Renshaw	Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff
ReB: Renshaw	Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
RsA: Renshaw	Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff
Sioux	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching
RSB: Renshaw	Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
Sioux	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
La Moure County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Ry: Ryan	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Wind erosion
Ludden	Alkalinity Flooding High water table Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Sa: Harriet	Alkalinity Flooding High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
So: Sioux	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
Sp: Spottswood	Depth to sand and gravel Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Sw: Svea	Pesticide and nutrient leaching Pesticide and nutrient runoff
Barnes	Pesticide and nutrient runoff
Tn: Tiffany	Excessive saturated hydraulic conductivity High water table Pesticide and nutrient leaching
Tp: Tonka	High water table Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
Parnell	High water table Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
La Moure County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Va: Vallors	Alkalinity High water table Lime content Pesticide and nutrient leaching Wind erosion
Ve: Venlo	Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Wind erosion
W: Water	Onsite required

